INDEX
TO PRINCIPAL CONTENTS OF
THE CONTRACT JOURNAL

CLXXXVII — No. 4323-4331 — May 3, 1962, to June 28, 1962.

The regular features, Talking of Safety, by "Dragee," John Sumner's Notebook, "Men and Movements," In Parliament, New Companies, Current Constructional Activities are not included in this Index

PAGE

A

AASHO Road Test Results ... 923
Accidents Highest Ever in 1961, Construction ... 194
Air Compressor, Air Pumps, 160FD4 ... 729
Air Compressor, Hymatic Hydrovane Electrically Driven ... 486
Air Compressor, New C.P. "Power Vane" ... 359
A Lawyer Considers:
A Case on the Builders' Legal Duties ... 193
A Claim for Rectification—Taxation of Short-Term Gains ... 454
Connection With Public Sewers—Form of Tender for Nominated Suppliers ... 697
Sales of "Know-How" — Liability for Guard Dogs—Liability to a Foreman —Draining an Estate ... 62
The Finance Bill and Sales of Land—Extensions of Time ... 929
Aldershot Barracks Contract for Gee, Walker and Slater ... 1046
Alivator Hoist ... 960
Allders of Croydon, Department Store Five-Floor Extension ... 59
Aluminium Clad 42-storey Montreal Block ... 695
An Economist Comments:
Common Market and South-East England — Timber Prospects — Price of Money ... 190
Construction Planning Advisory Council and Dr. Lea ... 810
Historical Costs ... 926
The Emmerson Report ... 452
Work Ahead—Aftermath of Wall Street ... 1052
Angledozers, Fiat's New Range ... 487
Architects, No Significant Increase in New Commissions for Private ... 817
Atherton Secondary School, Lancashire, School Building Under Difficulties ... 483
Aylesford, New Building for Paper Group's Education Centre ... 605

B

Barber-Greene Olding's New Headquarters Opened ... 1086
Barber-Greene SA-40 Finisher ... 819
Basildon Factory, Ford's, Site Works in Progress ... 333
Belfast Dry-Dock Extension ... 459
Belfast Refinery Contract for Wimpey ... 705
Belfast University Building, Design and Construction of ... 321
Berkshire Plan to Encourage More Terrace House Building ... 696
Birmingham Engineering and Building Exhibition Centre, Masonic Temple Converted into ... 229
Birmingham, Nechells Green Redevelopment Scheme ... 933
Birthday Honours ... 690
Bishop's Stortford's New Central Area Plan ... 330
Bison Crawler-Mounted Lifting Crane ... 488
Blackpool, Lewis's Store Contract to Costain ... 934
Block Making Machine, "Toutaggio" ... 358
Block Splitting Machine, Hydraulic ... 359
Blythe Central Redevelopment Proposal ... 95
Bonds and Retention Moneys in the Melting Pot? ... 579
Book Reviews:
"Building Board Directory" Compiled by W. G. Potter ... 816
"Centrifugal Pumps" by H. H. Anderson ... 1084
"Decorative Art in Modern Interiors" ... 816
"Elastic Analysis of Shells by Electronic Analogy" by C. B. Wilby and N. W. Bellamy ... 333
"Estimating and Cost Control" by James Nisbet ... 97
"Hutchins' Priced Schedules, 1962" ... 333
"Modern Civil Engineering Practice" edited by Rolt Hammond ... 97
"Plastic Paint" by C. H. Gower ... 735
"Protective Clothing and Devices" by N. T. Freeman ... 229
"The Construction of Buildings, Volume 1" by R. Barry ... 606
"Urban Survival and Traffic" ... 938
"Water Engineer's Handbook 1962" ... 1084
Bothwell Castle, Lanarkshire, 450-Acre Residential Plan ... 456
Bournemouth Sewage Disposal Works, Construction of ... 930
Bridges:
Birches-Moira Motorway Bridges, Armagh: Consultants Appointed ... 69
Severn Bridge Superstructure Contract Awarded ... 447
Suez Bridge Contract for German Firm ... 692
Swedish Bascule Bridge, Newport, Cable Cantilever Bridge First of Its Kind in U.K. ... 320
British Association of Field and Sports Contractors, Annual Luncheon ... 452
B.E.A. Handbook 1962 ... 231
B.M.C. to Build £4m. Spare Parts Depot at Horsepath ... 58
British Museum Gallery Reconstruction ... 1083
British Petroleum's Moorfields Scheme ... 96
British Petroleum's Moorfields Development, Tenders Opened ... 194
British Road Federation, Annual Meeting ... 806
British Standards:
Tile Fixing ... 1085
Bromborough, £2.5m. Compound Mill Completed at ... 807
Bucks. County Council Retain Competitive Tendering ... 694
Bucks. County Council Seek Improvement in Architectural Design ... 481
Building Contracts, Difficulties and Dangers of, by Mr. M. Chavasse ... 699
Building Industry in an Expanding Economy, Dr. F. M. Lea Looks at the Future ... 323
Building Research Board, Report for 1961 ... 1079
Building Societies Institute, Annual Dinner ... 609
Bullfrog Pump, Villers, ... 202

C

Cadogan Estate, Chelsea, £20m. Redevelopment Scheme ... 199
Car Park, London Airport, Design and Construction of ... 692
Car Park, Split Level Design Used for Maidstone ... 327
Car Parks, R.C.A. President Suggests Atom-Proof Underground ... 581
Carlisle, Construction of Automatic Marshalling Yard ... 813
Caterpillar Motor Grader No. 14D ... 603
Caterpillar 572E Pipelayer ... 959
Caterpillar's Glasgow Tractor Plant, Contractors Visit ... 201
Channel Bridge Advantages ... 334
Channel Tunnel Surveys Complete ... 934
Chieftain Super Six Truck ... 73
Common Market and the Plant Engineer, The Challenge of by W. M. Barber ... 325
Compound Mill Completed at Bromborough ... 807
Concrete Mixer, 3T Winget ... 959
Concrete Plant, Ranger Portable ... 1086
Concrete Screed Vibrator, One Man Operated ... 227
Construction Accidents Highest Ever in 1961 ... 194
Construction Work Undertaken in the First Quarter: New Orders Valued at £516m. ... 936
Contractors' Plant Association, 21st Anniversary Dinner ... 698
Conveyors, Dinosaur Portable ... 357
Cooling Towers, Asbestos Cement Troughing Used in ... 73
Correspondence:
"Building Today" ... 482
Covering the River Irwell ... 578
Dumping Dangers ... 957
Lifts in Flats ... 198
Coventry Cathedral, Consecration Ceremony Marks Completion ... 449
Crane, Bison Crawler-Mounted Lifting ... 488
Crane, Hiab Truck-Mounted Timber Handling Crane ... 961
Crane, Hydrocon "Highlander Super" Mobile ... 94
Crane, "Iron Fairy" Mobile ... 224
Crane, Ransomes and Rapier New Truck ... 582
Crane Serves Two Sites at Holborn, 99ft. Radius Tower ... 607
Crane, "Star" 12/60 Mobile ... 357
Cranes, Further Developments of Universal Tower ... 1087
Cranes, Metro-BPG-Cammell Mobile ... 358
Crayford U.D.C.'s Multi-Storey Housing Scheme, Completion of ... 199
Croydon Department Store, Five-Floor Extension ... 59
Croydon Redevelopment Scheme, First Stage Completed ... 95

D

Dawley New Town, Provisional Area of ... 690
Dinosaur Portable Conveyors ... 357
Doncaster, Arndale Trust's £3m. Redevelopment Plan ... 1059
Dozex Loader Bucket ... 358
Drill, Drillmaster 45K Rotary ... 726
Drill, Somec A Percussive ... 225
Drill, Speedstar 50-RC ... 225
Dublin University College, Work to Commence on New Science Blocks ... 60

E

Eastern Federation of Building Trades Employers Half-yearly Review ... 1081
Economic Planning Advisory Council for Construction Industries Formed: F.C.E.C. to Remain Independent ... 318
Edinburgh Nuclear Firm, Extensions for ... 67
E.G. Screeder, One Man Operated Concrete Screed Vibrator ... 227
Eimco 623 Side Dump Loader ... 583
Electrical Contractors Association, Annual Conference ... 724
Electricity:
Addington and Beddington Cable Installation Contract ... 99
Thermal Insulation System Used at C.E.G.B. Leatherhead Laboratory ... 956
Eugene Freyssinet—The Father of Modern Building ... 1082
Excavator Backacter Trial Time Studies ... 223

F

Factory, Ferodo's £2.5m. North Wales Completed in 16 Months ... 455
Falkirk Town Centre Redevelopment Scheme, Work Commences ... 95
Federation of Civil Engineering Contractors, Annual Dinner ... 319
Federation of Civil Engineering Contractors, Annual Report ... 186, 187
Federation of Coated Macadam Industries Annual Luncheon ... 578
Federation of Master Builders, Annual Report ... 817
Federation of Painting Contractors, Annual Report ... 577
Ferodo's £2.5m. North Wales Factory Completed in 16 Months ... 455
Fiat Form U.K. Tractor Company ... 74
Fiat's New Shovel and Angledozers ... 487
Finisher, Barber-Greene SA-40 ... 819
Floodlighting Unit, Mobile ... 582
Focus on Plant: No. 3 Aveling-Austin Super 500 Motor Grader ... 92
Ford's Basildon Factory, Site Works in Progress ... 333
Formwork Panels for Complete Walls ... 603
Fourth International Congress on Prestressed Concrete, Rome ... 693, 811
French Research in Building and Civil Engineering: Diverse Programme Being Vigorously Pursued ... 571

G

Gibraltar Rock, Surprising Conditions Revealed ... 191
Glasgow Approve £8.5m. Housing Projects ... 703
Glasgow Corporation to Use Unqualified Staff ... 460
Grader, 14D Caterpillar Motor ... 603
Guild of Municipal Building Inspectors ... 353

H

Haywards Heath Headquarters for F.B.A., Ltd.: Package Deal Contract ... 99
Hednesford Bearing Factory, Site Problems on Construction ... 189
Hiab Truck-Mounted Crane for Timber Handling ... 961
"Highlander Super" Hydrocon Mobile Crane ... 94
Hoist, Alivator ... 960
Hong Kong, Lower Shing Mun Dam Contract to Japanese Firm ... 320
Housebuilding Hampered by Land Restrictions Say Federation of Master Builders ... 817
Housing, Industrialization of: Modern Construction Techniques in Sweden and Denmark ... 1048
Housing Works, Professional Charges for Repetitive ... 231
Hyde Park Underground Garage, Construction of the ... 575
Hydro-Electric Plans, Economist Advocates Abondonment of Scottish ... 700
Hy-Mac Excavator, Backacter Trial Time Studies ... 223
Hymatic Hydrovane Electrically Driven Air Compressor ... 486

I

Indian Foundry Contract for Gammon ... 806
Indus Basin Scheme, Mailsi Siphon Contract for International Consortium ... 457

PAGE

Industrial and Export Trends, Fourteenth F.B.I. Inquiry 932
Industrialization of Housing: Modern Construction Techniques in Sweden and Denmark 1048
Institute of Sewage Purification, Presidential Address 927
Institution of Municipal Engineers, Presidential Address 691
Institute of Structural Engineers, Annual Dinner 322
Institution of Water Engineers, Presidential Address 457
"Iron Fairy" Mobile Crane 224

J

J.C.B.—International Harvester Equipment Link Up 93

K

Kent County Surveyor's Annual Report 70

L

Leicester Appoint Redevelopment Consultant 231
Leonard Street, London, Seven-Storey Commercial Building to be Erected in Eleven Months 461
Lighthouse Club, Annual General Meeting 61
Lime, New Ways of Using 320
Loader Bucket, Dozex 358
Loader, Eimco 623 Side Dump 583
Loading Shovel, Super-Loadmaster 200
Loading Shovel, Weatherill Prototype S.4 818
Loading Shovels, Two New Matbro 200
Loch Awe Scheme, Hyrdo-Electric Contracts 806
London Airport Car Park, Design and Construction of 692
London Airport Car Park, Contract Placed 318
London Construction Accident Prevention Group's Annual Meeting 60
L.C.C. Delegation Visit German Roads 609
L.C.C. Deptford Housing Scheme, Details Announced 566
L.C.C. Housing Operation Review 579
L.C.C. Major Road Schemes in 1962 334
L.C.C. Pier Road Area, North Woolwich, 19-Storey Blocks in Development Scheme 197
London Government, R.I.C.S. Observations on Proposed Reorganization..... 933
London Master Builders Association, Annual Luncheon 328
London Office Block, Cubitts to Erect Tottenham Court Road Building..... 935
Lytham St. Annes Office Building Completed 355

M

Maidstone Car Park, Split-Level Design Used for 327
Maidstone Eight-Storey Flats 815
Malta Dockyard Reconstruction: First Phase of Modernization Scheme 705
Manchester City Surveyor's Annual Report 446
Manchester, Oldham Street and Tib Street Shop Redevelopment Contract 318
Manchester Town Clerk Advocates Open Competitive Tendering 1081
Manchester University Chemistry Building, Work to Commence 58
Mechanization, Speeding up Building by Mr. K. G. H. Fryer's Lecture..... 925
Melbourne Office Building: Costain's £A2.5m. Contract 69
Metro-BPG-Cammell Mobile Cranes and Metre-Hendre-Cammell Sideloader ... 358
Milngavie Municipal Centre Completed 195
Montreal, 42-Storey Block Clad Entirely in Aluminium 695
Moorfields, British Petroleum Scheme... 96
Moorfields Scheme, British Petroleum Open Tenders 194

N

N.F.B.T.E. Presidential Address 453
Neath Town Centre Scheme 95
New Malden Office Block and Market Scheme 66
New York, "Topping Out" of Pan Am Building 331
Noise Levels, Architects' Concern at Rise in 97
N.A.T.O. Campbeltown Oil Fuel Storage Depot Contract Awarded 319
North West Metropolitan Hospital Board Review Tender Procedure 1047
Nottingham, King Street, Commercial Development 333
Novobord Plant at Thetford, Rapid Progress of 226

O

Oxford Farmoor Reservoir Contract..... 922

P

Paddington Private Housing Developments 609
Pan Am Building in New York, "Topping Out" of 331

PAGE

Perth Whisky Plant, £1¼m. 1056
Peru, Mantaro River Hydro-Electric Contract Signed 705
Pipelayer, 572E Caterpillar 959
Plant Engineer, The Challenge of the Common Market and the by W. M. Barber 325
Plant Hire Rates 731
Plastic Building Under Greenland Ice Cap 728
Plymouth, Completion of Four-Storey Flats 353
Port Sunlight Multi-Storey Development for Lever Bros. 706
Power Fork Attachment Designed for Loading Shovels 361
Power Stations:
Carolina Port Power Station, Dundee, to go Ahead 724
Fawley Power Station Approved 922
Kingsnorth, Kent, Dual-Fired Power Station Proposed 459
Kingsnorth, Kent, Power Station to be Built At 692
Snowy Mountains Murray No. 1. Power Station Open to Tender..... 934
"Power Vane" Air Compressor, New C.P. 359
Prestressed Concrete, Fourth International Congress at Rome 693, 811
Private House Owners (Protection) Bill 456
Pump, Villiers Bullfrog 202
Pump Will Handle 50 Per Cent. Solid Content 489

R

Railways:
Carlisle, Construction of Automatic Marshalling Yard at 813
Corbridge Tunnel Reconstruction, Open Cutting Scheme Saves Costs 481
Euston Station Reconstruction, Stage 1 Contract Placed 566
Fan Installation Nears Completion at Notting Hill Gate 65
Protection of Railway Tunnels During Construction of Shell Centre 63
T.V. Used to Inspect Railway Culvert 195
Ranger Portable Concrete Plant 1086
Rapier W1350 Walking Dragline Starts Work in Canada 1085
Reading Offices and Warehouse Completed Ahead of Schedule 1061
Reed Paper Group's Education Centre, New Building for 605
Reinforced Concrete Association, Annual Dinner 581
Reservoir Contract, Oxford Farmoor ... 922
Reservoir, Shek Pik, Hong Kong, Progressing on Schedule 701
River Derwent Scheme, Aqueduct De-Watering Contract Placed 354
River Pollution Prevention: Efficient Industrial Use of Prime Importance ... 927
Road Tar Research Committee, Midlands Summer Meeting 725
Roads:
A.1 Improvements, Minister Inspects Progress 355
A.A.S.H.P. Road Test Results 923
Atherstone By-pass Contract Awarded 466
Brent Cross, Hendon, Three Level Flyover Planned 1058
Chiswick-Langley Motorway Tenders Invited 1046
Closer Link Between Government, Designers and Contractors Urged by Mr. Ernest Marples 319
Crick-Doncaster By-pass M1 Special Road Out to Tender 933
Eastern Avenue Extension, Leyton, Line of New Road Confirmed 324
Excavation Completed on Hyde Park Corner Underpass 71
Honiton By-Pass Proposal 318
Isle of Man New Coast Road, Cliff Face Blasted Away to Form New ... 329
Kilwinning By-Pass Scheme, Formwork Problems Solved on 727
"Landscaping of Motorways" Conference 459
London Airport, Motorway Access to 700
L.C.C. Major Road Schemes in 1962 ... 334
M.1 Extension Crick-Lutterworth, Tenders Invited 69
Maidstone-Guildford Road (A.25) Improvement Scheme: Revised Proposals 66
Scottish Major Trunk Road Improvement Schemes 99
Sevenoaks By-Pass, C.C. Approve Plans 446
Six-Mile Lanarkshire By-Pass Opened to Traffic, Crawford and Abington Scheme 61
South Wales and Monmouthshire Roads Improvements: Progress Reviewed by Minister 483
Staffordshire Road Widening Scheme, Penkridge-Dunston Contract Placed 460
Telford Bridge to Hector's Bridge, Lanarkshire, Road Improvement Contract 806

PAGE

The Role of a County Highway Authority in the Road Programme by Mr. K. Summerfield 809
Ulster Road Works, Special Grants Available 705
Whetstone-Kirby Muxloe M.1 Extension Out to Tender 1046
Winwick Link Road, Birmingham-Preston Motorway, Tenders Invited 933
Woodbridge By-pass Completed Three Months Ahead of Schedule 460
Wye Road Improvement Contract 806
Rockbreaking by Microwaves 726
Rollers, Hydraulically Operated Vibratory Road 1087
Roof Span on Garston Dock Timber Storage Shed Widest in Europe 735

S

Safety Training Centres, N.F.B.T.E. Financial Support for 700
Scraper, TS-260 Allis Chalmers Motor 729
Scrapers, New Caterpillar Range 485
Sealed Track Designed to Extend Undercarriage Life: New Development for Caterpillar Machines 227
Shek Pik Reservoir, Hong Kong, Progessing on Schedule 701
Shell Centre, Protection of Railway Tunnels During Construction of 63
Shell Contracts for Essex Plant 806
Shovel, Fiat's New Tractor 487
Sideloader, Metre-Hendre-Cammell 358
Site Problems on Staffs. Bearing Factory Construction 189
Somec A Percussive Drill 225
Somerset County Surveyor's Annual Report 1047
Southern Counties Federation of Building Trades Employers, Half Yearly General Meeting 957
Speeding Up Building by Mechanization by Mr. K. G .H. Fryer 925
Speedstar 50-RC Rotary Drill 225
"Star" 12/60 Mobile Tower Crane 357
Structural Lightweight Concrete: Consultants and Contractor's Viewpoints on Application 1053
Sunderland Paper Works Extensions ... 694
Super Dexta Tractor 602
Super-Loadmaster Loading Shovel 200
Swiss Bank Corporation Offices, London, Roof Level Reached 810

T

Taunton Storage Shed, Timber Butterfly Roof On 609
Television Used to Inspect Railway Culvert 195
Tendering, A Code of Procedure for Sensible by Mr. L. J. Bradshaw 567
"The Architect and His Office," R.I.B.A. Survey 69
Thermalite Factory to be Built at Uskmouth 1086
Thetford, Rapid Progress of Novobord Plant at 226
Timber Development Association, Annual Report 706
Tolworth Broadway Office Development, Tallest in the Home Counties 703
Toronto, North York Shopping Centre Contract for Taylor Woodrow 696
Tottenham Office Block, Completion of 815
"Toutagglo" Block Making Machine ... 358
Tower Cranes, Device for Dismantling ... 223
Tractor, C-6 Mark III Crawler 226
Tractor Super Dexta 602
Treasury Buildings, Modern Ventilating System Being Installed 188
Truck, Chieftain Super Six 73
Trucks, Wrigley Electric 960

U

Unisteel 60 Reinforcing Bar 74
Universal Tower Cranes, Further Developments 1087
Urban Sewer Systems, The Design of ... 725
Uxbridge Printing Works Contract 451

V

Vauxhall Motors' Luton Engineering Centre Out to Tender 806
Ventilating System Being Installed in Treasury Buildings, Modern 188
Vibration Rollers, Performance of 602
Victoria Station B.U.A. Air Terminal Building, Fast Erection of 197

W

Water Pollution Research Laboratory, Annual Report 192
Wates' New Head Office 191
Weatherill Prototype Loading Shovel ... 818
Winchester, £2m. Law Courts Proposed 705
Winget 3T Concrete Mixer 959
Wooburn Valley Drainage Scheme Opened 567
Wrigley Electric Trucks 960

Y

York University Development Plan 458